

# E.W. Howell Co., LLC

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## REQUEST FOR INFORMATION

No. 00046

**TITLE:** 120 Volt Distribution Routing

**DATE:** 3/11/2010

**PROJECT:** BNL CCWF-II

**JOB:**

**TO:** Attn: Alan Raphael  
Brookhaven National Laboratory  
Brookhaven Sciences Associates, LLC  
Project Modernization Office  
Upton, NY 11973-5000  
Phone: 631-344-5854

**STARTED:**

**COMPLETED:**

**REQUIRED:** 3/18/2010

### WORK

**IMPACT:** Unknown

### SCHEDULE

**IMPACT:** Unknown

### COST

**IMPACT:** Unknown

### QUESTION:

3/11/2010

120 Volt Distribution Routing

On contract drawing EP-401 21 states "120 volt power cables to panel RP-U Circuits 8 & 10 and RP-6 circuits 11, 13, 15 & 17." This statement is suggesting one conduit going to two locations. Please clarify as to the intent and proper routing.

CC: Bill Harrison, George Santorilla, File

### PROPOSED SOLUTION:

AT THE TUNNEL AREA, INTERCEPT THE 2" UNDERGROUND CONDUIT FOR THE 15 KV BREAKERS AND TRANSFORMERS 120 VOLT CONTROL & POWER WITH NEW JUNCTION BOX. THEN FROM THIS NEW JUNCTION BOX RUN SEPARATE 3/4" CONDUIT EACH TO PANEL RP-6 (LOCATED @ THE TUNNEL AREA) AND TO RP-U LOCATED ON MEZZANINE. SEE NOTES 4, 5 & 6 ON DWG E-607 FOR THE SIZES OF THE CORRESPONDING 120 V CIRCUITS.

**ANSWER:**

B. MOJARES  
GIPFELS 3/11/2010

**Requested By:** E.W. Howell Co., LLC

**Date:** \_\_\_\_\_

**Signed:** \_\_\_\_\_

Lauren Bergin